U.S. Department of Commerce Patent and Trademark Office **PATENT** 

## UTILITY PATENT APPLICATION TRANSMITTAL

**Commissioner for Patents** Washington, D.C. 20231 **BOX PATENT APPLICATION** 

Attorney Docket No.: 010073U2 Date: December 10, 2001

Express Mail Label No.: EJ831391935US

**Customer No.: 023696** 

**Bar Code** Label:

23696

PATENT TRADFMARK OFFICE

Dear	Sir

For:

thing think dring ages

Transmitted herewith for filing is the patent application of:

PAUL E. PETERZELL, DAVID MALDONADO, KEVIN GARD, PUAY HOE SEE, JEREMY Inventor(s):

**DUNWORTH AND KAMAL SAHOTA** 

LOCAL OSCILLATOR LEAKAGE CONTROL IN DIRECT CONVERSION PROCESSES

Enclosed are:

1. Patent application (33) total pages.

2. Drawings: Formal () sheet(s) or Informal (8) sheet(s).

3. Declaration/Power of Attorney:

☐ Signed ☐ Unsigned ) pages and Recordation Form Cover Sheet.

4. An Assignment ( 5. A Preliminary Amendment ( ) pages.

6. Information Disclosure Statement (IDS):

a. PTO-1449

b. Copies of IDS Citations (number of citations:

7. **Other:** 

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	52 - 20	32	x \$18 =	\$576
Independent**	6-3	3	x \$84 =	\$252
Multiple Dependent Claim(s): No Yes		\$270	\$0	
APPLICATION FILING FEE		\$740	\$740	
*If the number in column a is less than 20, enter 0 in column b.  **If the number in column b is less then 3, enter 0 in column b.		TOTAL FEE	\$1568	

8. A check in the amount of \$\_\_\_\_ is enclosed to pay the filing fee.

9. Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1568. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.

10. The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: December 10, 2001

Signature:

George C. Pappas, Reg. No. 35,065

(858) 651-1306

**QUALCOMM Incorporated** Attn: Patent Department

5775 Morehouse Drive

San Diego, California 92121-1714 Telephone: (858) 651-1179

Facsimile:

(858) 658-2502



ğalı Şalı

And grap graft with gary day as the party of the party of

## **PATENT** IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: PETERZELL, ET AL.

For: LOCAL OSCILLATOR LEAKAGE CONTROL IN DIRECT CONVERSION

**PROCESSES** 

Serial No.:

**UNKNOWN** 

Filed:

HEREWITH

**Group Art Unit: UNKNOWN** 

## **CERTIFICATE OF MAILING UNDER 37 CFR § 1.10**

Commissioner of Patents **BOX PATENT APPLICATION** Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No. EJ831391935US Date of Deposit December 10, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. Enclosed herewith are the following documents: TRANSMITTAL LETTER; CERTIFICATE OF MAILING UNDER 37CFR § 1.10; PATENT SPECIFICATION IN 33 PAGES, INFORMAL DRAWINGS IN 8 pgs. and POSTCARD.

Darla D. Lallo

(Name)

(Signature)

QUALCOMM Incorporated 5775 Morehouse Drive San Diego, California 92121-1714

Facsimile:

Telephone: (858) 651-6399

(858) 658-2502